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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Air Force									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 6: RDT&E Management Support				R-1 ITEM NOMENCLATURE PE 0702806F: Acquisition and Command Support							
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	41.053	18.865	24.968	0.000	24.968	24.575	21.751	20.538	20.739	Continuing	Continuing
66ACSI: Acquisition and Command Support	41.053	18.865	24.968	0.000	24.968	24.575	21.751	20.538	20.739	0.000	0.000

**A. Mission Description and Budget Item Justification**

Supporting Congressional and SECDEF mandates, program funding provides the framework for Air Force business and acquisition transformation in developing capabilities-based architectures, re-engineering and enabling technologies, integrating robust systems engineering into early acquisition processes, and developing and managing a larger, more relevant technical workforce with the expertise to uniformly implement OSD and Air Force engineering guidance and policies. Leveraging the Defense Acquisition Performance Assessment, restores stability in Air Force acquisition systems by integrating major processes to reverse trends toward unpredictable program cost, schedule, and performance to facilitate quick response to urgent operational needs from across the entire spectrum of potential conflicts. The 554th Electronic Systems Wing, formerly known as Information System Activity Group (ISAG), designs, tests, and evaluates combat support system architectures, operating environments, and computer platforms.

Efforts include:

- Increasing technical and analytical support through training development; independent cost estimating and assessment to help analyze cost/risk growth and create defensible risk analyses for cost, schedule, and technical risks; information technology infrastructure development; and economic, statistical, and engineering analyses of acquisition programs
- Initiating performance measures for capability-based planning constructs, aligning relevant science and technology areas with operational requirements to include systems integration modeling and architecture analysis
- Increasing activities to recruit, develop, and manage the technical workforce, enhancing business and engineering processes to develop leaders to manage the acquisition and engineering transformation and interface with the academic community
- Transforming acquisition review processes to re-establish clean lines of responsibility, authority, and accountability at appropriate levels
- Exploring methods to operate a materiel solution development process that is responsive to COCOM capability needs, aligned with the OSD Joint Task Assignment Process
- Creating an acquisition business systems environment consisting of a foundation of centrally managed and integrated tools augmented by standardized authoritative data to support the Air Force Smart Operations for the 21st Century (AFSO21). Implements Develop and Sustain Warfighting Systems (D&SWS) process improvement across the Air Force further enabling Acquisition Excellence.

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APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE			
3600: Research, Development, Test & Evaluation, Air Force		PE 0702806F: Acquisition and Command Support			
BA 6: RDT&E Management Support					
B. Program Change Summary (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	37.014	18.947	0.000	0.000	0.000
Current President's Budget	41.053	18.865	24.968	0.000	24.968
Total Adjustments	4.039	-0.082	24.968	0.000	24.968
• Congressional General Reductions		-0.082			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		0.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	4.039	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	24.968	0.000	24.968
Change Summary Explanation					
FY09: Increase for studies, analysis and IT Infrastructure Development.					
FY11: The FY2010 President's Budget submittal did not reflect FY 2011 through FY2015. Therefore, explanation of changes between the two budget positions cannot be made in a relevant manner.					

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2011 Air Force								<b>DATE:</b> February 2010			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 6: <i>RDT&amp;E Management Support</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0702806F: <i>Acquisition and Command Support</i>				<b>PROJECT</b> 66ACSI: <i>Acquisition and Command Support</i>			
<b>COST (\$ in Millions)</b>	<b>FY 2009 Actual</b>	<b>FY 2010 Estimate</b>	<b>FY 2011 Base Estimate</b>	<b>FY 2011 OCO Estimate</b>	<b>FY 2011 Total Estimate</b>	<b>FY 2012 Estimate</b>	<b>FY 2013 Estimate</b>	<b>FY 2014 Estimate</b>	<b>FY 2015 Estimate</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
66ACSI: <i>Acquisition and Command Support</i>	41.053	18.865	24.968	0.000	24.968	24.575	21.751	20.538	20.739	0.000	0.000
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

**A. Mission Description and Budget Item Justification**

Supporting Congressional and SECDEF mandates, program funding provides the framework for Air Force business and acquisition transformation in developing capabilities-based architectures, re-engineering and enabling technologies, integrating robust systems engineering into early acquisition processes, and developing and managing a larger, more relevant technical workforce with the expertise to uniformly implement OSD and Air Force engineering guidance and policies. Leveraging the Defense Acquisition Performance Assessment, restores stability in Air Force acquisition systems by integrating major processes to reverse trends toward unpredictable program cost, schedule, and performance to facilitate quick response to urgent operational needs from across the entire spectrum of potential conflicts. The 554th Electronic Systems Wing, formerly known as Information System Activity Group (ISAG), designs, tests, and evaluates combat support system architectures, operating environments, and computer platforms.

Efforts include:

- Increasing technical and analytical support through training development; independent cost estimating and assessment to help analyze cost/risk growth and create defensible risk analyses for cost, schedule, and technical risks; information technology infrastructure development; and economic, statistical, and engineering analyses of acquisition programs
- Initiating performance measures for capability-based planning constructs, aligning relevant science and technology areas with operational requirements to include systems integration modeling and architecture analysis
- Increasing activities to recruit, develop, and manage the technical workforce, enhancing business and engineering processes to develop leaders to manage the acquisition and engineering transformation and interface with the academic community
- Transforming acquisition review processes to re-establish clean lines of responsibility, authority, and accountability at appropriate levels
- Exploring methods to operate a materiel solution development process that is responsive to COCOM capability needs, aligned with the OSD Joint Task Assignment Process
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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
MAJOR THRUST: Supporting Congressional and SECDEF mandates. Program funding provides the framework for Air Force business and acquisition.  FY 2009 Accomplishments: In FY09: Initiated acquisition/engineering process research/cost estimating.  FY 2010 Plans: In FY10: Continue acquisition/engineering process research/cost estimating.  FY 2011 Base Plans: In FY11: Continue development of acquisition/engineering process research/cost estimating.  FY 2011 OCO Plans: In FY 2011 OCO: Not Applicable.		6.300	4.785	5.250	0.000	5.250
MAJOR THRUST: Initiating performance measures for capability-based planning constructs  FY 2009 Accomplishments: In FY09: Initiating performance measures for capability-based planning constructs, aligning relevant science and technology areas with operational requirements to include systems integration modeling and architecture analysis.  FY 2010 Plans: In FY10: Continue performance measures for capability-based planning constructs, aligning relevant science and technology areas with operational requirements to include systems integration modeling and architecture analysis.  FY 2011 Base Plans: In FY11: Continue development of system integration modeling/architecture analysis.		5.000	3.357	4.399	0.000	4.399

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 OCO Plans: In FY 2011 OCO: Not Applicable.						
MAJOR THRUST: Increasing technical and analytical support through information technology infrastructure development; economic, statistical, and engineering analyses of acquisition programs.  FY 2009 Accomplishments: In FY09: Initiated information technology (IT) infrastructure development.  FY 2010 Plans: In FY10: Continue development of information technology (IT) development.  FY 2011 Base Plans: In FY11: Continue development of information technology (IT) development.  FY 2011 OCO Plans: In FY 2011 OCO: Not Applicable.		15.125	4.672	9.400	0.000	9.400
MAJOR THRUST: Increasing activities to recruit, develop, and manage the technical workforce  FY 2009 Accomplishments: In FY09: Increasing activities to recruit, develop, and manage the technical workforce, enhancing business and engineering processes to develop leaders to manage the acquisition and engineering transformation and interface with the academic community.  FY 2010 Plans: In FY10: Continue activities to recruit, develop, and manage the technical workforce, enhancing business and engineering processes to develop leaders to manage the acquisition and engineering transformation and interface with the academic community.		14.628	6.051	5.919	0.000	5.919

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<b>B. Accomplishments/Planned Program (\$ in Millions)</b>											
				<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011 Base</b>	<b>FY 2011 OCO</b>	<b>FY 2011 Total</b>			
<i>FY 2011 Base Plans:</i> In FY11: Continue activities to recruit, develop, and manage the technical workforce.											
<i>FY 2011 OCO Plans:</i> In FY 2011 OCO: Not Applicable.											
Accomplishments/Planned Programs Subtotals				41.053	18.865	24.968	0.000	24.968			
<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011 Base</b>	<b>FY 2011 OCO</b>	<b>FY 2011 Total</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• PE Not Provided (2879): <i>Not Applicable</i>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>D. Acquisition Strategy</b>											
Contracts will be awarded through full and open competition.											
<b>E. Performance Metrics</b>											
Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.											

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